

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 26 Suppl. No. 0 Contract No. 04 - 0120F4 Road SF-80-13.2/13.9 FED. AID LOC.:

To: AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

NOTE: This change order is not effective until approved by the Engineer.

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

This change order:

- Eliminates contract Item #102, "WIND VORTEX GENERATOR PLATES," and revises Section 10-1.85, "WIND VORTEX GENERATOR PLATES" of the Special Provisions, to address the material change from Acrylic Plexiglas G to 13 mm steel plates, storage, and installation.
- Provides for cleaning and painting wind vortex generator plates, in accordance with Section 10-1.69 "CLEAN AND PAINT STRUCTURAL STEEL" of the Special Provisions.
- Revises contract plan sheets 874 and 875 (of 1204) as shown on sheets four through five of this change order to address changes.
- Resolves costs associated with Contractor Request For Change (RFC) No. 13R1 with respect to changes listed above are resolved by this change order.

Decrease in Contract Item at Contract Unit Price:

ITEM 1.

Eliminate the Acrylic Plexiglas G plates as shown in contract Item #102, "WIND VORTEX GENERATOR PLATES."

Item No. 102: WIND VORTEX GENERATOR PLATES

-82 EA (-100.00%) @ \$9,000.00 /EA = <\$738,000.00> (-100.00%)

In accordance with Section 4-1.03B(3), "Eliminated Items," of the Standard Specifications, the adjustment due to the elimination of Item #102, "WIND VORTEX GENERATOR PLATES," is zero.

Total Decrease in Contract Item at Contract Unit Price..... <\$738,000.00>

Adjustment of Compensation at Lump Sum Price:

ITEM 2.

Revise Section 10-1.85, "WIND VORTEX GENERATOR PLATES" of the Special Provisions as shown on sheet 3 of this change order.

For the change in character to supply and store the 13 mm steel plating in lieu of Acrylic Plexiglas G plates, and for erecting the wind vortex generator plates as shown on revised plan sheets 874R1 and 875R4, the Contractor agrees to accept the sum of \$1,738,000.00. This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups, all direct and indirect costs, all overhead expenses, and all associated project impacts by reason of installing these plates.

It is agreed that the lump sum includes storage of the wind vortex generator plates until July 31, 2011. If storage is required beyond this date, said cost of storage until installation shall be compensated under a supplement to this change order.

Adjustment of Compensation at Lump Sum Price..... \$1,738,000.00

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Adjustment of Compensation at Lump Sum Price:

ITEM 3.

The items identified above in this change order have been paid as part of CCO 108 resolution. Therefore, the amount due under this change order will be adjusted by the amount paid under CCO 108 to prevent a double payment. Total amount paid under CCO 108, and to be credited to this change, is \$1,000,000.00.

Adjustment of Compensation at Lump Sum Price..... <\$1,000,000.00>

CHANGE ORDER COST AND TIME SUMMARY

(ITEM 1) Elimination of Contract Item No. 102, "WIND VORTEX GENERATOR PLATES" <\$738,000.00>
 (ITEM 2) Adjustment of Compensation for work pursuant to this change order \$1,738,000.00

Sub-total (ITEM 1 & 2), net value of this change order \$1,000,000.00
 (ITEM 3) Amount paid under CCO 108 for this change order <\$1,000,000.00>


Total net pay for this change order..... \$0.00

Contract time is addressed in CCO 108 for all work identified in this change order. Therefore, contract time will not be adjusted in this change order.


Estimated Cost: Increase ☒ Decrease ☐ \$0.00

By reason of this order the time of completion will be adjusted as follows: 0 days

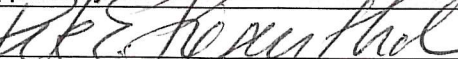
Submitted by

Signature  Resident Engineer Brian Boal for Gary Pursell, Sup. T.E. Date 3 FEB 2010

Approval Recommended by

Signature  Supervising Transportation Engineer Gary Pursell, Sup. T.E. Date 2/3/10


Engineer Approval by

Signature  Principal Transportation Engineer Peter Siegenthaler, Prin. T.E. Date 2/23/10

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by

Signature  (Print name and title) Michael D. Flowers Date 2-22-10
Project Director

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Revised Special Provisions.

10-1.85 WIND VORTEX GENERATOR PLATES

This work shall consist of furnishing, ~~packaging and delivering~~ and erecting wind vortex generator plates ~~manufactured from transparent Acrylic Plexiglas G plates~~ as shown on the plans, as specified in these special provisions, and as directed by the Engineer. ~~Installation of the wind vortex generator plates will not be required.~~ Wind vortex generator plates shall ~~be manufactured from transparent Acrylic Plexiglas G or equal conforming to Federal Standard LP 391, Type 1, Grade C. The Contractor shall furnish to the Engineer a Certificate of Compliance, in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications, for wind vortex generator plates. The certificate shall state that the wind vortex generator plates meet the requirements of Federal Standard LP 391, Type 1, Grade C. Certificates shall be submitted at least two months prior to delivery of the wind vortex generator plates.~~ conform to Section 55 "Steel Structures" of the Standard Specifications.

~~Surfaces cut during manufacture shall be machined. Edges and corners shall be machined to a radius of 2 mm. Holes shall be drilled and drilled hole edges machined to a radius of 2 mm. Drilled holes and all machined surfaces shall be finished to ANSI 2000.~~

Clean and paint Wind vortex generator plates and connection plates in accordance with Section 10-1.69, "CLEAN AND PAINT STRUCTURAL STEEL," of these special provisions.

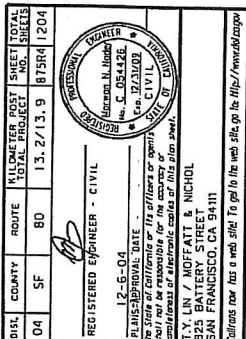
~~The Contractor shall deliver the manufactured wind vortex generator plates to the Engineer at a location to be determined by the Engineer. Said location will be within 25 km of the San Francisco-Oakland Bay Bridge Toll Plaza. Wind vortex generator plates shall be delivered to the Engineer within six months prior to completion of the work. The Contractor shall notify the Engineer in writing at least two months prior to delivery of wind vortex generator plates.~~

~~Wind vortex generator plates shall be packaged in boxes for protection against physical damage and exposure during shipping and storage. Each wind vortex generator plate within a package shall be protected to prevent damage from adjacent wind vortex generator plates. Wind vortex generator plates shall be packaged to prevent shifting during shipping. The shipping package shall be clearly marked with a statement that the package contains wind vortex generator plates for the San Francisco-Oakland Bay Bridge, the number of wind vortex generator plates contained in the package, the weight of the package, and the date packaged.~~

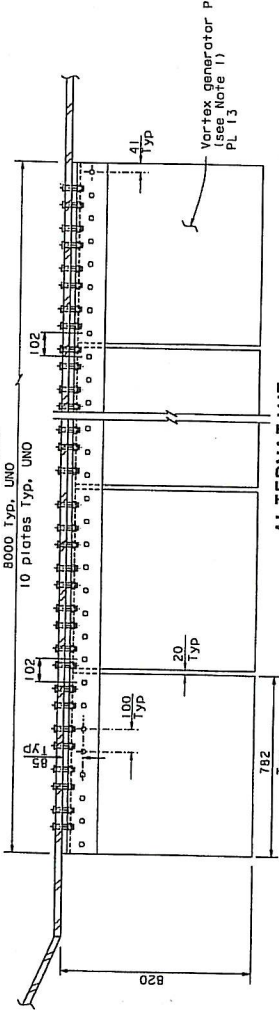
MEASUREMENT AND PAYMENT

Wind vortex generator plates will be paid for on a lump sum basis. ~~measured by the unit.~~ The contract ~~unit~~ lump sum price paid for wind vortex generator plates ~~shall~~ includes full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in ~~manufacturing fabricating, cleaning and painting, furnishing, and delivering~~ storing and erecting wind vortex generator plates ~~to the location as specified by the Engineer,~~ including packaging and protecting from damage, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer. Additional shop expenses sustained by the State beyond 480 air line kilometers from both Sacramento and Los Angeles as shown in Section 55-4.02, "STEEL STRUCTURES," subsection "MEASUREMENT AND PAYMENT," subsection "PAYMENT," shall not apply. A Manufacturing and Fabrication Self-Qualification Audit (MSFQA) as required under Section 8-4.01, "AUDITS," of these special provisions shall not apply.





1:250
("W" Line shown, "E" Line similar)



1:2.51

THE 13 OF 2

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CDD RETURN IN FORCE					
WINDMILL	WIND VORTEX GENERATOR PLATES	GB	MN	26	
GROWING	CALKING	AS	MN	66	
	WIND VORTEX GENERATOR PLATES	JD	MN	28	
WINDMILL	WIND VORTEX GENERATOR PLATES	CC	MN	26	
ISSUANCE DATE	DESCRIPTIONS	BY	CH'D	COORD.	
REVIEWS:					

R. Valizadeh/V. Toon/Y. L./W. L./F. C.
DESIGN OVERSIGHT
Ran 1/24/05/ Vesp. Ben / Y. Lili
SIGN OFF DATE 01/28/05

ALL DIMENSIONS ARE IN

MILLIMETERS UNLESS OTHERWISE SHOWN

BIDGE NO

34-0006L/

PROJECT ENGINEER

13.2/13.

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